

Presentation

Presentation from the 2009 World Water Week in Stockholm
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WORLD
in Stockholm,
August 16–22, 2009 **WATER**
WEEK



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Lake Twinning

Strengthening Lake Management Systems -
Through Twinning of African and North American
Lake Management Commissions



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GEF

GEF Project

Regional Dialogue and Twinning to
Improve Transboundary Water Resources Governance
in Africa
2007-2009

Overview of the GEF Project



Multi-partner project:

- Sustainable uses of water resources at the transboundary and regional basin scales

Component 1:

- *Exchanges of experience on legal, policy and management reforms in transboundary water resources management*

Component 2:

- *Systems thinking approach to shared and transboundary water resources*

Component 3:

- *Mechanisms for investment planning and financial sustainability*



Overview of the GEF Project



- Expected Outcomes:

- Enhanced understanding and capacity at regional scale
- Informing deliberations at WWF 2009 (Istanbul)
- Regional learning mechanisms institutionalized among African RBOs
- Clarifying perspectives and setting priorities on:
 - Groundwater and climate change
 - Lakes management and governance
- A framework for collaboration on great lakes systems through enhanced science and policy linkages
- Methodology for assessing benefit sharing options for investment
- Lessons on transition from donor support to self-sustaining regional water institutions transferred





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Lake Twinning Project

Strengthening Lake Management Systems -
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Lake Management Commissions

Twinning

- Does not mean creating identical twins.
- It is learning from success and failure of other commissions.
- Sharing science and working on similar issues: invasive species, water quality, water quantity, impact of climate change
- How commissions work?



Lake Twinning Objectives

- To **facilitate policy, legal and institutional reform** for transboundary waters management (*quantity and quality*) – through comparative analysis
- To **enhance regional and national knowledge and capacity for the management and planning** of shared water resource systems
- To **strengthen planning processes** in shared water resources management, facilitating self-sustaining regional water institutions in Africa



Lake Twinning Partners

- **North America**
 - International Joint Commission (IJC)
 - Great Lake Fisheries Commission (GLFC)
- **Africa**
 - Lake Victoria Fisheries Organization (LVFO)
 - Lake Victoria Basin Commission (LVBC)
 - Lake Tanganyika Authority (LTA)
- UNU-INWEH, UNDP, UNOPS
- McMaster University



Project Benefits & Opportunities



- Africa
 - Opportunity to learn from the success and failures of the North American commissions (**North – South**)
 - Opportunity for new African commissions to learn from previous African experiences in shared water management (**South – South**)
- North America
 - Opportunity to compare and discuss shared challenges, like:
 - Mitigation of global climate change impacts on great lakes
 - Water quality issues, like reducing transport of pollutants and nutrient loading
 - Methods to restore native fish species
 - Strategies for community-based management



Lake Twinning – Project Strategy

- Focus on the Commissions' common interests, challenges and experiences, through:
 - Sharing a **comparative analysis of lake management**, leading to a synoptic overview of related science
 - Developing a **framework** for collaboration on great lakes systems through enhanced science and policy linkages
 - Identifying approaches to **effectively monitor** and evaluate lake **ecosystem health**
 - Bridging to scientific information emerging from GLFC-funded workshops – leading to a synthesis report



Project Workplan/Timeline

- Mar 2008 – Planning meeting between partners
 - Hamilton, Canada
- Fall 2008 – 1st policy workshop in Africa
 - Entebbe, Uganda
- Jun 2009 – 2nd policy workshop in North America:
 - Linked to IJC Centennial celebrations
- **Aug 2009 – Side event: Stockholm World Water Week**
- Late 2009 – Preparation of final reports and recommendations
- 2006 – 2009 – 4 expert science workshops focussed on lake ecosystem science



Lake Twinning Framework

- Climate change (adaptation/mitigation)
 - Vulnerability mapping
 - Management strategies
- Governance structure
 - How to deal with uncertainties
 - Invasive species management
 - Community engagement
- Human wellbeing
 - Linkage between healthy lakes and human well being
 - Natural resources evaluation



Lake Twinning Framework

- Public-private partnerships
 - Institutional analysis of how to foster these partnerships
 - Sustainability of partnerships
- Gender equity
 - Role of women in management and education
- Ecosystem approaches and management
 - Groundwater aquifer management
 - Invasive species
 - Pollution control
 - Water quality standards



Next Steps

- Some lessons learnt
- Policy Brief on Transboundary Lake basin management
 - Including general framework on transboundary lake basin management
- Continuation of the Lake Twinning initiative
 - Based on general framework for collaboration
 - And to include other transboundary lakes





Thank you

For more information:

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